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•Practice Limited to
Federal Agencies

September 2, 2005

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Mail Stop Issue Fee

Re: Allowed U.S. Utility Patent Application
Appl. No. 09/632,857; Filed: August 4, 2000
For: **Wireless Local Area Network (WLAN) Technology and Applications
Including Techniques of Universal Frequency Translation**
Inventors: **SORRELLS *et al.***
Our Ref: 1744.0630002

Sir:

In response to the **Notice of Allowance and Issue Fee Due** dated June 3, 2005, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85B);
2. Amendment Under 37 C.F.R. § 1.312, along with two annotated Marked-Up sheets (Figs. 6H-6I, 39) and two replacement sheets (Figs. 6H-6I, 39);
3. Submission of Drawings;
4. Three hundred seventy-one (371) sheets of replacement drawings (Figs. 1A-1D, 2-5, 6A-6I, 7-14, 15A-15F, 16-19, 20A-20G, 21, 22A-22F, 23A-23F, 24A-24J, 25-41, 42A, 42B, 43A, 43B, 44A, 44B, 45, 46A-46C, 47, 47A-47D, 48A, 48B, 49A-49C, 50, 50A-50D, 51A, 51B, 52A, 52B, 53, 53A-53C, 54, 55, 55A-55C, 56A, 56B, 57, 57A-57D, 58-60, 60A-60D, 61A-61B, 62, 62A-62I, 63, 64, 64A-64C, 65, 65A-65E, 66A, 66B, 67-70, 71A-71D, 72A-72J, 73A, 73B, 74, 75A-75C, 76A, 76B, 77, 78, 79A-79D, 80, 81A-81C, 82-88, 89A-89E, 90-100, 101A, 101B, 102-127, 128A-128D, 129A-129S, 130, 131, 132A-132E, 133, 134, 135A-135G, 136-139, 140A-140L, 141A-141B, 142, 143A, 143B, 144A, 144B, 145A-145D, 146, 147, 148A-148D, 149-156, 156A-156D, 156E-1, 156E-2, 156F-156V, 157A-157F, 158A-158D, 159, 160A-160D, 161A-161D, 162, 163A-163D, 164A-164F, 165, 166A-166F, 167, 168, 169A-169D, 170-173, 174A-174H, 175, 176A-

176H, 177A-177H, 178-200, 201A-201H, 202-209, 210A-210D, 211A-211D, 212),


5. One (1) return postcard; and
6. Credit Card Payment Form (PTO-2038) in the amount of \$1,403.00 to cover:
 \$1,400.00 - Issue Fee; and
 \$ 3.00 - Advance copy of patent.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey S. Weaver
Attorney for Applicants
Registration No. 45,608

MQL/JSW/BWL:apg
Enclosures

439320_1.DOC



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SORRELLS *et al.*

Appl. No.: 09/632,857

Filed: August 4, 2000

For: **Wireless Local Area Network
(WLAN) Technology and
Applications Including Techniques
of Universal Frequency Translation**

Confirmation No.: 2270

Art Unit: 2664

Examiner: Shah, Chirag G.

Atty. Docket: 1744.0630002

Submission of Drawings

Mail Stop Issue Fee

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are three hundred seventy-one sheets of Replacement drawings with Figure(s) 1A-1D, 2-5, 6A-6I, 7-14, 15A-15F, 16-19, 20A-20G, 21, 22A-22F, 23A-23F, 24A-24J, 25-41, 42A, 42B, 43A, 43B, 44A, 44B, 45, 46A-46C, 47, 47A-47D, 48A, 48B, 49A-49C, 50, 50A-50D, 51A, 51B, 52A, 52B, 53, 53A-53C, 54, 55, 55A-55C, 56A, 56B, 57, 57A-57D, 58-60, 60A-60D, 61A-61B, 62, 62A-62I, 63, 64, 64A-64C, 65, 65A-65E, 66A, 66B, 67-70, 71A-71D, 72A-72J, 73A, 73B, 74, 75A-75C, 76A, 76B, 77, 78, 79A-79D, 80, 81A-81C, 82-88, 89A-89E, 90-100, 101A, 101B, 102-127, 128A-128D, 129A-129S, 130, 131, 132A-132E, 133, 134, 135A-135G, 136-139, 140A-140L, 141A-141B, 142, 143A, 143B, 144A, 144B, 145A-145D, 146, 147, 148A-148D, 149-156, 156A-156D, 156E-1, 156E-2, 156F-156V, 157A-157F, 158A-158D, 159, 160A-160D, 161A-161D, 162, 163A-163D, 164A-164F, 165, 166A-166F, 167, 168, 169A-169D, 170-173, 174A-174H, 175, 176A-176H, 177A-177H, 178-200, 201A-201H, 202-209, 210A-210D, 211A-211D, 212, corresponding to the above-captioned application. Identification of the drawing(s) is provided in accordance with 37 C.F.R. § 1.84(c). Acknowledgment of the receipt, approval, and entry of these drawing(s) into this application is respectfully requested.

It is not believed that an extension of time is required, other than any already provided herewith. However, if an extension of time is needed to prevent abandonment of the application, then such extension of time is hereby petitioned. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read 'J. S. Weaver', with a large, stylized initial 'J'.

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Date: September 2, 2005

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